

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ELECTRICAL COMPONENT AND METHOD FOR MANUFACTURING THE SAME

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

the specification of which is attached hereto unless the following box is checked:

☐ _____ の日に出願され、
この出願の米国出願番号またはPCT国際出願番号は、
_____ であり、且つ
_____ の日に補正された出願（該当する場合）

☒ was filed on May 11, 2001
as United States Application Number or
PCT International Application Number
09/853,050 and was amended on
_____ (if applicable).

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編規則1.56に記載されている、特許性について重要な情報を開示する義務があることを認める。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the need of the individual case. Any comments on the amount of time you are required to complete this form should be sent to Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Japanese Language Declaration
(日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第365条(a)によるPCT国際出願について、同第119条(a)(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日より前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

Prior Foreign Application(s)

外国での先行出願

Priority Not Claimed

優先権主張なし

2000-141687

Japan

15/05/2000

(Number)
(番号)(Country)
(国名)(Day/Month/Year Filed)
(出願日/月/年)☐(Number)
(番号)(Country)
(国名)(Day/Month/Year Filed)
(出願日/月/年)☐

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編第119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)
(出願番号)(Filing Date)
(出願日)(Application No.)
(出願番号)(Filing Date)
(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された態様で、先行する米国出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Application No.)
(出願番号)(Filing Date)
(出願日)(Status: Patented, Pending, Abandoned)
(現況: 特許許可、係属中、放棄)(Application No.)
(出願番号)(Filing Date)
(出願日)(Status: Patented, Pending, Abandoned)
(現況: 特許許可、係属中、放棄)

私は、ここに表明された私自身の知識に係わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Japanese Language Declaration

(日本語宣言書)

委任状: 私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び/または弁理士を任命する。(氏名及び登録番号を記載すること)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

書類送付先

Send Correspondence to:

Liniak, Berenato, Longacre &
White
6550 Rock Spring Drive, Ste 240
Bethesda, Maryland 20817

直通電話連絡先: (氏名及び電話番号)

Direct Telephone Calls to: (name and telephone number)

Matthew Johnston (301)896-0600

唯一または第一発明者氏名

Full name of sole or first inventor

Takaya SATO

発明者の署名

日付

Inventor's signature

Date

Takaya SATO

August 17, 2001

住所

Residence

c/o NISSHINBO INDUSTRIES, INC. Research and Development Center,
2-3, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 Japan

国籍

Citizenship

Japan

郵便の宛先

Post Office Address

c/o NISSHINBO INDUSTRIES, INC. Research and Development Center,
2-3, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 Japan

第二共同発明者がある場合、その氏名

Full name of second joint inventor, if any

Tatsuo SHIMIZU

第二共同発明者の署名

日付

Second inventor's signature

Date

Tatsuo Shimizu

August 17, 2001

住所

Residence

c/o CI TECHNO-SALES INC., 5-1, Kita-Aoyama 2-chome, Minato-ku,
Tokyo 107-8077 Japan

国籍

Citizenship

Japan

郵便の宛先

Post Office Address

c/o CI TECHNO-SALES INC., 5-1, Kita-Aoyama 2-chome, Minato-ku,
Tokyo 107-8077 Japan

(第三以下の共同発明者についても同様に記載し、署名を
すること)

(Supply similar information and signature for third and subsequent
joint inventors.)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings $\Rightarrow \Rightarrow \Rightarrow \nabla$

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takaya Sato
Tatsuo Shimizu

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

1. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: Aug. 17, 2001

2. Name and address of receiving party(ies)

Name: Nisshinbo Industries, Inc.

Internal Address: _____

Street Address: 31-11, Nihonbashi

Ningyocho 2-Chome, Chuo-ku

City: Tokyo Country: Japan State: Japan ZIP: 103-8650

Additional name(s) & address(es) attached? ☒ Yes ☐ No

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/853,050

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Matthew W. Stavish, Esq.

Internal Address: _____

Street Address: Liniak Berenato, Longacre & White
6550 Rock Spring Drive, Ste. 240

City: Bethesda State: MD ZIP: 20817

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0548

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Matthew W. Stavish, Esq.

Name of Person Signing

Matthew Stavish

Signature

8/23/01

Date

Total number of pages including cover sheet, attachments, and document:

5

8292.027

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

Assignment of Rights, Title and Interest in Invention (Multiple inventors; multiple assignees)

Docket No.
8292.027

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No. 09/853,050*

Date of Execution: _____ *Date of Filing:* May 11, 2001

- ☐ *United States Provisional Patent Application Serial No.* _____
- ☐ *United States Patent No(s).* _____
- ☐ *International (PCT) Patent Application Serial No.* _____
- ☐ *Other (specify)* _____

Title of the Invention

ELECTRICAL COMPONENT AND METHOD FOR MANUFACTURING THE SAME

Inventors (assignors)

[illegible]

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.,
8292.027

signees

<i>Name</i>	<i>Address</i>
JISSHINBO INDUSTRIES, INC.	31-11, Nihonbashi Ningyocho 2-chome, Chuo-ku, Tokyo 103-8650, Japan
<i>Name</i>	<i>Address</i>
TOCHU CORP.	1-3, Kyutaro-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8577, Japan
<i>Name</i>	<i>Address</i>
<i>Name</i>	<i>Address</i>
<i>Name</i>	<i>Address</i>
<i>Name</i>	<i>Address</i>
<i>Name</i>	<i>Address</i>
<i>Name</i>	<i>Address</i>

Docket No.
8292.027

2. Additional name(s) and address(es) of receiving party(ies):

Name: Itochu Corporation

Address: 1-3, Kyutaro-machi 4-Chome
Chuo-ku, Osaka-shi
Osaka, Japan 541-8577

City: Osaka Country: Japan



NOVEMBER 21, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

LINIAR BERENATO, LONGACRE & WHITE
MATHEW W. STAVISH, ESQ.
6550 ROCK SPRING DR.
STE. 240
BETHESDA, MD 20817



101846562A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/10/2001

REEL/FRAME: 012158/0785
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SATO, TAKAYA

DOC DATE: 08/17/2001

ASSIGNOR:
SHIMIZU, TATSUO

DOC DATE: 08/17/2001

ASSIGNEE:
NISSHINBO INDUSTRIES, INC.
31-11, NIHONBASHI, NINGYOCHO 2-
CHOME, CHUO-KU
TOKYO, JAPAN 103-8650

ASSIGNEE:
ITOCHU CORPORATION
1-3, KYUTARO-MACHI 4-CHOME, CHUO-
KU, OSAKA-SHI
OSAKA, JAPAN 541-8577

SERIAL NUMBER: 09853050
PATENT NUMBER:

FILING DATE: 05/11/2001
ISSUE DATE:

8292.027

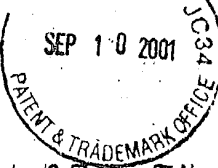
012158/0785 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

101846562

Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies):

Takaya Sato
Tatsuo Shimizu

2. Name and address of receiving party(ies)

Name: Nisshinbo Industries, Inc.

Internal Address: _____

Street Address: 31-11, NihonbashiNingyocho 2-Chome, Chuo-kuCity: Tokyo Country: _____
State: Japan ZIP: 103-8650Additional name(s) & address(es) attached? ☒ Yes ☐ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: Aug. 17, 2001

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/853,050

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Matthew W. Stavish, Esq.

Internal Address: _____

Street Address: Liniak Berenato, Longacre & White
6550 Rock Spring Drive, Ste. 240City: Bethesda State: MD ZIP: 208176. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0548

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Matthew W. Stavish, Esq.

Name of Person Signing

Signature

8/23/01

Date

8292.027

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

signees

Name	Address
HISSHINBO INDUSTRIES, INC.	31-11, Nihonbashi Ningyocho 2-chome, Chuo-ku, Tokyo 103-8650, Japan

Name	Address
TOCHU CORP.	1-3, Kyutaro-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8577, Japan

Name	Address

Name	Address

Name	Address

Name	Address

Name	Address

Name	Address

2: Additional name^(s) and address(es) of receiving party(ies):

Name: Itochu Corporation

Address: 1-3, Kyutaro-machi 4-Chome
Chuo-ku, Osaka-shi
Osaka, Japan 541-8577

City: (Osaka Country: Japan